

PHENIX WEEKLY PLANNING

10/11/2007

Don Lynch

Run 8 Prep Schedule

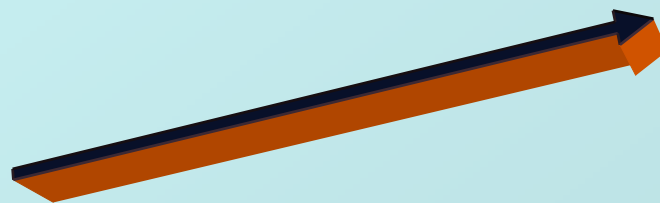
Note: Final decision has been made to start run 8 cooldown on Nov. 1, 2007

<u>Item</u>	<u>Start</u>	<u>Finish</u>
MPC South Installation	Done	Done
Elec. Cooling Water upgrade (CA)		
(under EC)	In progress	10/12
(elsewhere in IR)	In progress	11/2
CM Move to Run position	Done	Done
MPC South Installation	Done	Done
Borated PE neutron shield installation	In progress	10/12
More decapacitor removals	Done?	Done?



Run 8 Prep Schedule (cont'd)

Item	Start	Finish
EC Roll In	10/15	10/31
C-A fold scaffolding	10/15	10/15
Move MuID collars to IR	10/12	10/15
Remove Plates, cart & move Manlift	10/12	10/15
Roll in-to IR and North to run pos.	10/15	10/16
PHENIX techs reconnect water, elect., gas, fibers	10/16	10/19
Carpenters restore scaffolding, Re-install lift & ladder, re-connect gas sniffers	10/17	10/19
Mike Rau re-install lift wiring, Re-connect TOF blower	10/16	10/19
Blue Sheet/Pink sheets	10/22	11/2



10/11/2007

Weekly Planning Meeting

Run 8 Prep Schedule (cont'd)

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Item	Start	Finish
DC East & West repairs (permits done)	10/11	10/26
Pre-run Commissioning	10/1	10/31
Assemble shield wall	10/29	11/1
Shield wall roll in	11/1	11/5
Start of Run 8 (Cooldown)	11/1	11/1
HBD Pre survey at SB	A-1 wk	A-1 day
HBD West Mechanical/Gas Reinstall	12/3?	12/17?
HBD EAST Mechanical/Gas Reinstall	???	???
HBD Electrical Reinstall	???	???
HBD installation survey	10/1?	12/22?



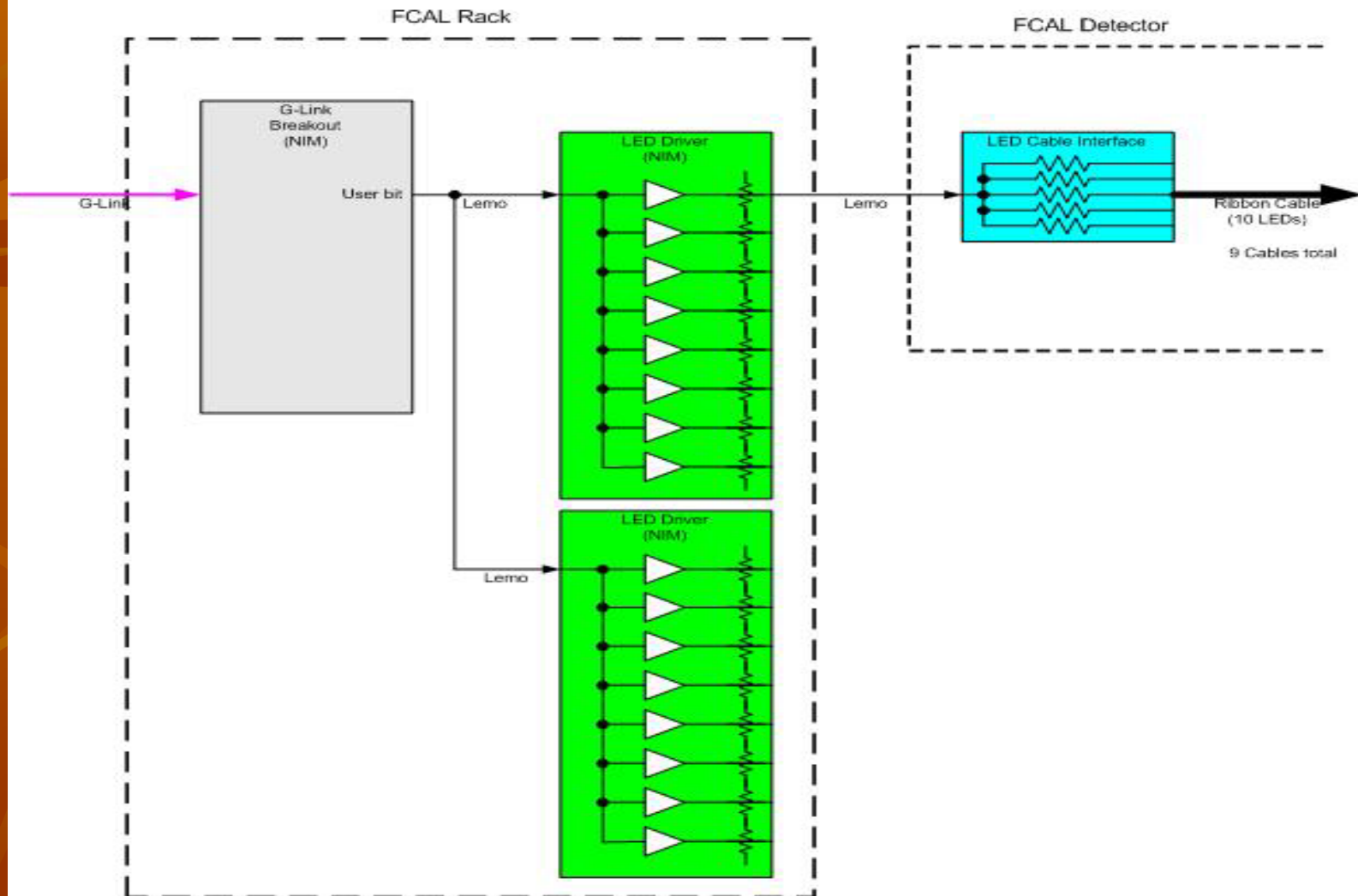
PHENIX Run 8

Electronics Preparation

FCAL LED Pulser

- One NIM BIN per Arm.
- G-Link Breakout modules complete.
- LED Driver modules complete.
- Test Pulser in 1008 Tech Shop with modebits?
- Currently making a LED Interface board.
- Try to have it all ready before J. Newby arrives.

FCAL LED Pulsar



LED Cable Interface

- Driver board outputs pulses on Lemo cables.
- Simple PC board will connect Lemo cables to FCAL ribbon cables through ballast resistors.
- 5 to 10 LEDs per channel.



FCAL Racks



NIM bin
goes
here?



HBD LeCroy HV Trip Sensor

- For protection of GEMs
- Trip Sensor board finished.
- Relay board due next week and Sal will assemble six.
- Panels needed for Relay Module.



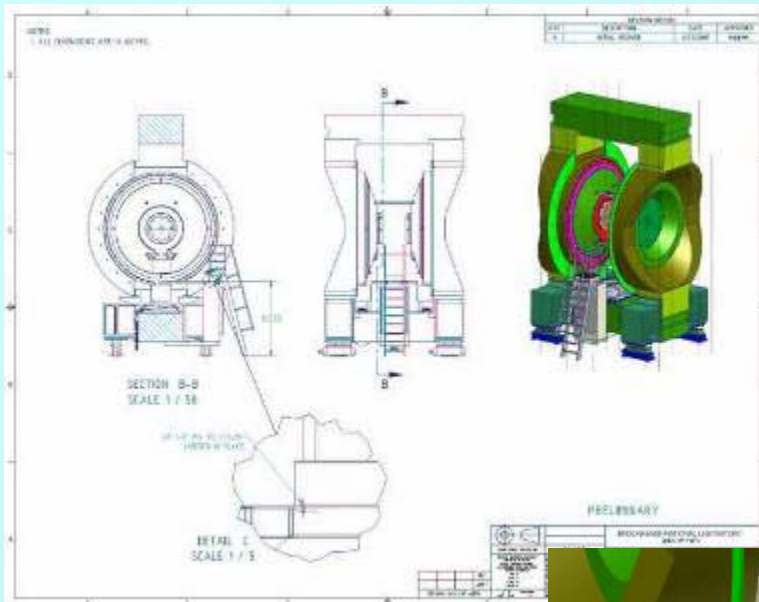
Some Other Things

- PC FEM testing (Anders). Sal found many physical problems on boards, some easy fixes.
- Ed Desmond working on GP Test Stand. Will be ported to Physics.
- Reconnect fibers to EC after roll-in and test all EC systems.
- Need some odds and ends: more fibers for HBD?

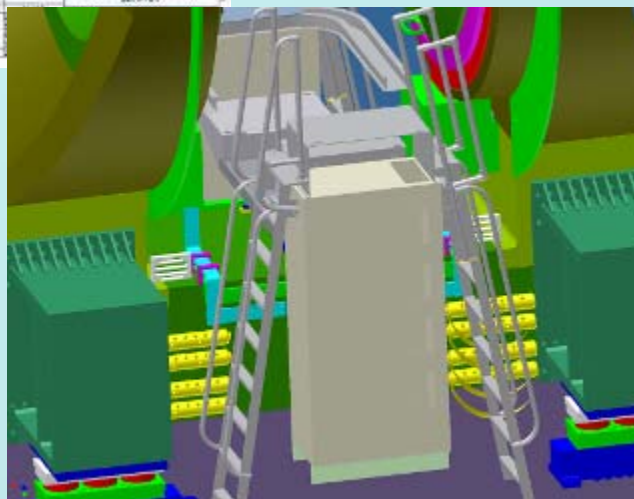
Safety Systems/ UPS

- HSSD has been split IR from AH. IR is done. AH will be addressed during run.
- Alarms are the same for zone 3 (IR HSSD) but shutdown trip is permanently disabled/removed
- New system for AH is in planning.
- Working with C-A to assure we have the right number of spare parts for run
- Beginning to review blue sheet test procedure
- UPS We borrowed unit (15 KVA) from AGS (used with new batteries) will be energized on Monday/Tuesday and put online to phoncs computers. PO to be issued tomorrow for 30 KVA Mitsubishi unit. Should arrive ~ 1 month. Change over during the run hopefully before we begin taking physics data.

CM Ladder/Stair Shutdown Access

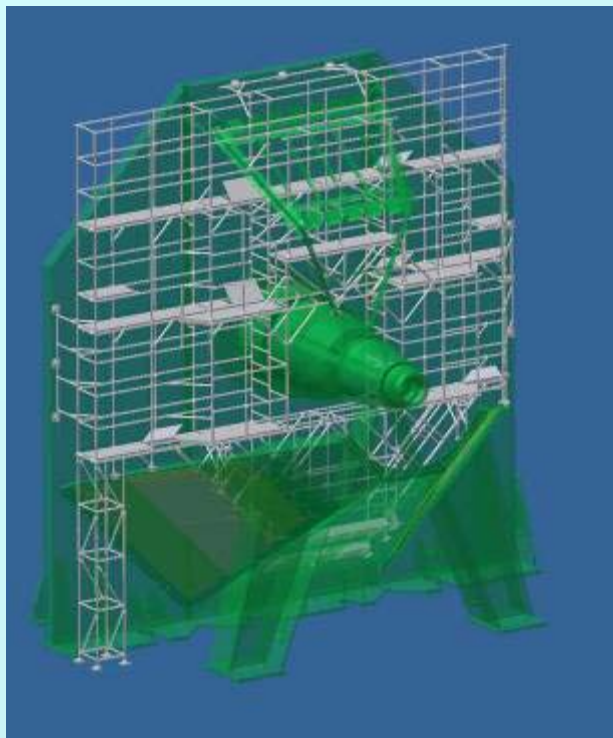


- PO pinned
Waiting for
delivery
- Purchasing
SNAFU causes
delay
- Delivery ~10/15

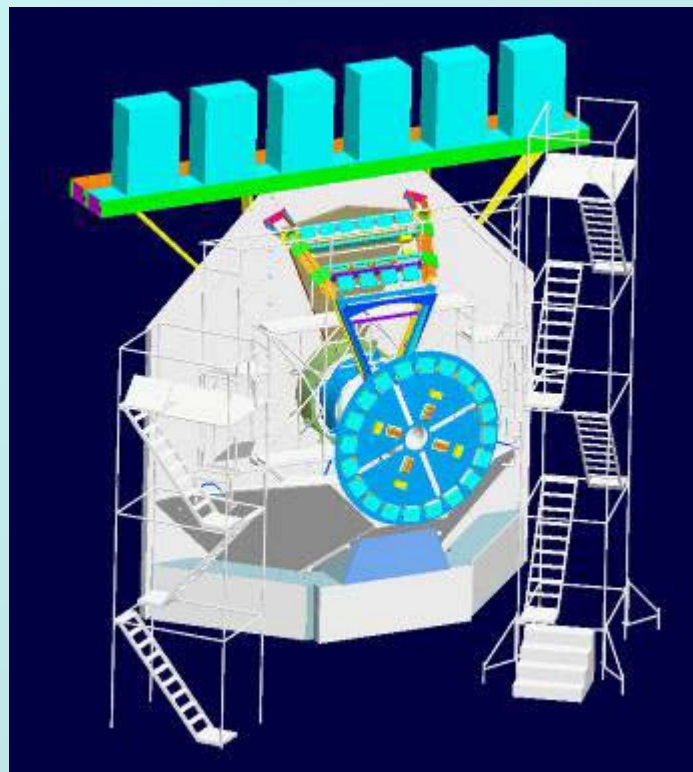


Station 1 , 2, 3 access plan

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Work to begin on these items after prep for run 8 is finished



RPC Factory Issues

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- Now-to-factory-operation schedule
- Factory Work Plan
- Detector assembly /test procedure
- Gas system operating procedure
- Electrical/electronics review
- Final walkthru



What we can do now:

Install and move in furniture, equipment, gas piping and leak tests, and test equipment operations

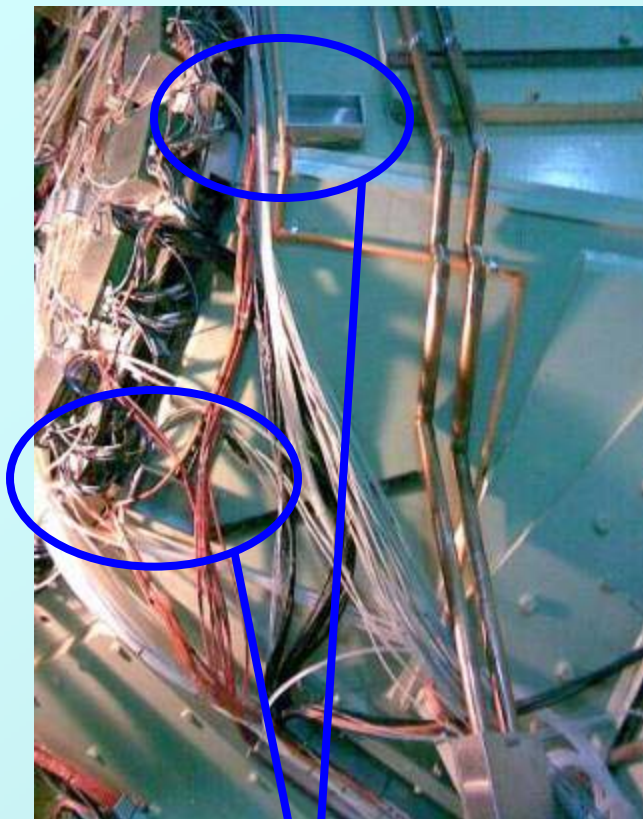


What we can't do now:

Operate gas system (other than N2 leak tests), store, assemble and/or test detector modules and/or other components.

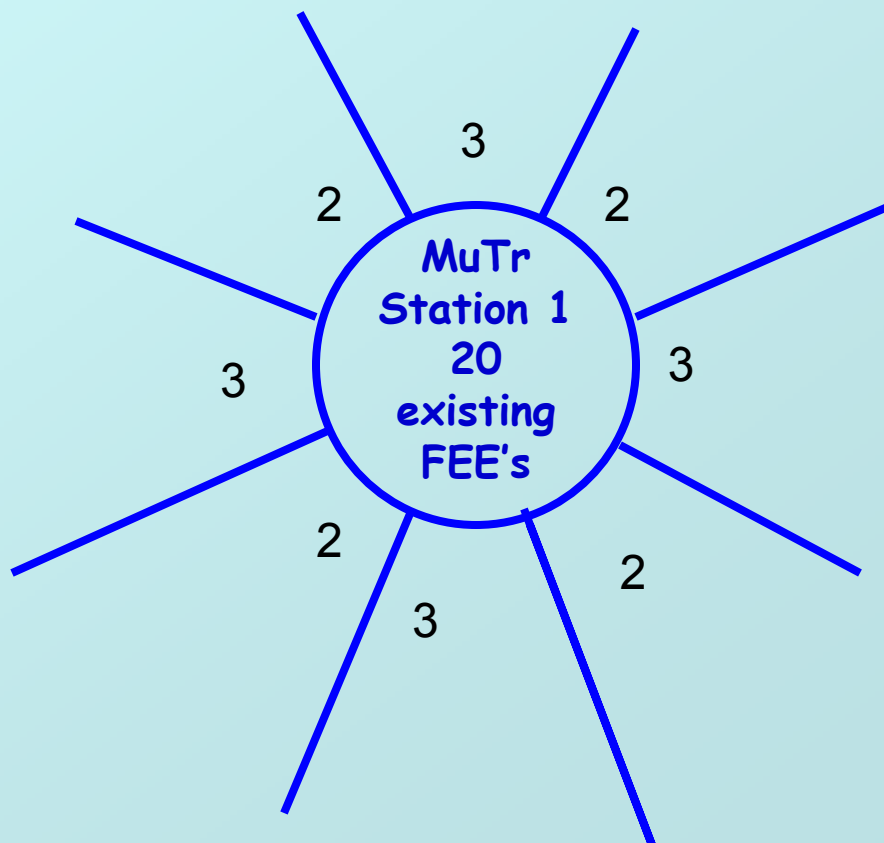
Mu Trigger Station 1 and 2 Upgrades

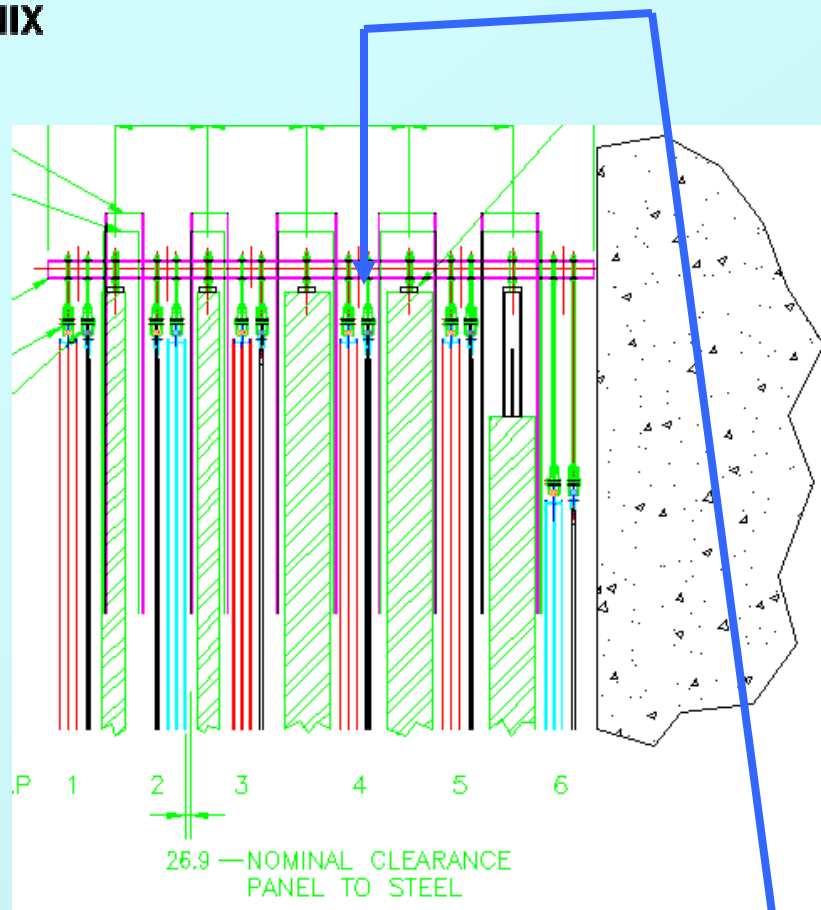
TECHNICAL SUPPORT NOON



Mockup boxes to be in place when the CM moves north

Nothing new on this





Shield to be fly cut to 1.25" thick, drilled and Tapped for 3/8-

- Empty (except clean metal waste) and discard old container



- Neutron shielding test (4' x 4' x 2" borated polyethylene)

Shield support design in progress
Install in October for Run 8 tests

- Tier 1 Inspection
 - No new efforts
- Performance Appraisals- Get your achievements input and submitted by end of this week
- PPE update - Lab adopts PHENIX policy...
 - Shoes, long pants required for work in IR and AH, short sleeves OK unless nature of work requires greater level of PPE



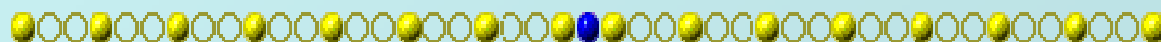
- | | |
|------|--|
| 2007 | HBD Repairs, DC (minor) repairs), MPC N&S upgrade, MuTr FEE upgrade prototype, infrastructure upgrades & repairs, misc. subsystem work |
| 2008 | MuTr FEE upgrades 1 octant 1&2 S, Cu absorber test, RPC3 S, infrastructure upgrades & repairs, misc. subsystem work |
| 2009 | Scaffolding in MMS and MMN, MuTr FEE N&S stn. 2 & 3, MuTr N&S stn. 2 & 3 repairs, RPC2 S&N, RPC3 N, Cu absorbers, infrastructure upgrades & repairs, misc. subsystem work |
| 2010 | Remove HBD & RXNP, remove beampipe, DC West upgrade, VTX barrel, RPC1 N&S, MuTr FEE stn. 1 N&S, MuTr stn. 1 N&S repairs, infrastructure upgrades & repairs, misc. subsystem work |
| 2011 | NCC S, FVTX, infrastructure upgrades & repairs, misc. subsystem work |
| 2012 | NCC N, upgrades contingency & wishlist, infrastructure upgrades & repairs, misc. subsystem work |

** Years refer to the shutdown year and follow the run with the similar number (i.e. work in 2007 is to be done in the shutdown that follows run 7, and so on)*

Where To Find PHENIX Technical Info

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Links for the weekly planning meeting slides, long term planning, pictures, videos and other technical info can be found on the web site:



http://www.phenix.bnl.gov/WWW/INTEGRATION/ME&Integration/DRL_SSint-page.htm